

#2

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

Docket Number	Application Number
19504-028	To Be Assigned
Applicant(s)	
Richard J. Helferich	
Filing Date	Group Art Unit
Herewith	

U.S. PATENT DOCUMENTS

JC542 U.S. PTO
09/15/1998
02/23/00

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A	5,781,857	7/14/98	Hwang et al.			
	B	5,838,252	11/17/98	Kikinis			
	C	5,175,758	12/29/92	Levanto et al.			
	D	5,455,823	10/3/95	Noreen et al.			
	E	5,463,672	10/31/95	Kage			
	F	5,473,667	12/5/95	Neustein			
	G	5,489,894	2/6/96	Murray			
	H	5,561,702	10/1/96	Lipp et al.			
	I	5,696,500	12/9/97	Diem			
	J	5,726,643	3/10/98	Tani			
	K	5,761,622	6/2/98	Priest			
	L	5,809,130	9/15/98	Ayala			
	M	5,815,800	9/29/98	Su et al.			
	N	5,448,759	9/5/95	Krebs et al.			
	O	5,239,679	8/24/93	Murai			
	P	5,774,803	6/30/98	Kariya			
	Q	5,257,307	10/26/93	Ise			
	R	5,694,120	12/2/97	Indekeu et al.			
	S	3,118,145	1/14/64	Nee			
	T	4,480,253	10/30/84	Anderson			
	U	4,644,352	2/17/87	Fujii			
	V	4,737,979	4/12/88	Hashimoto			
	W	4,812,843	3/14/89	Champion, III et al.			
	X	4,821,308	4/11/89	Hashimoto			
	Y	4,825,456	4/25/89	Rosenberg			
	Z	4,845,491	7/4/89	Fascenda et al.			
	AA	4,853,688	8/1/89	Andros et al.			
	BB	4,897,835	1/30/90	Gaskill et al.			
	CC	4,942,598	7/17/90	Davis			
	DD	4,961,216	10/2/90	Baehr et al.			
	EE	4,965,569	10/23/90	Bennett et al.			
	FF	4,975,694	12/4/90	McLaughlin et al.			
	GG	5,005,013	4/2/91	Tsukamoto et al.			
	HH	5,007,105	4/9/91	Kudoh et al.			
	II	5,040,204	8/13/91	Sasaki et al.			
	JJ	5,043,721	8/27/91	May			
	KK	5,047,763	9/10/91	Kuznicki et al.			
	LL	5,065,423	11/12/91	Gaskill			
	MM	5,093,659	3/3/92	Yamada			
	NN	5,115,233	5/19/92	Zdunek et al.			
	OO	5,117,449	5/26/92	Metroka et al.			
	PP	5,128,980	7/7/92	Choi			

QQ	5,134,724	7/28/92	Gehring et al.			
RR	5,138,311	8/11/92	Weinberg			
SS	5,138,312	8/11/92	Tsukamoto et al.			
TT	5,140,419	8/18/92	Galumbeck et al.			
UU	5,146,612	9/8/92	Grosjean et al.			
VV	5,153,903	10/6/92	Eastmond et al.			
WW	5,159,331	10/27/92	Park et al.			
XX	5,159,713	10/27/92	Gaskill et al.			
YY	5,173,688	12/22/92	DeLuca et al.			
ZZ	5,177,780	1/5/93	Kasper et al.			
A1	5,182,553	1/26/93	Kung			
B2	5,185,604	2/9/93	Nepple et al.			
C3	5,192,947	3/9/93	Neustein			
D4	5,194,857	3/16/93	Gomez			
E5	5,212,636	5/18/93	Nakazawa			
F6	5,220,366	6/15/93	King			
G7	5,227,774	7/13/93	Benoist			
H8	5,241,305	8/31/93	Fascenda et al.			
I9	5,247,700	9/21/93	Wohl et al.			
J10	5,257,307	10/26/93	Ise			
K11	5,265,033	11/23/93	Vajk et al.			
L12	5,285,426	2/8/94	Teodoridis			
M13	5,315,635	5/24/94	Kane et al.			
N14	5,329,501	7/12/94	Meister et al.			
O15	5,379,031	1/3/95	Mondrosch et al.			
P16	5,396,537	3/7/95	Schwendeman			
Q17	5,398,021	3/14/95	Moore			
R18	5,402,466	3/28/95	Delahanty			
S19	5,410,302	4/25/95	Dulaney, III et al.			
T20	5,418,835	5/23/95	Frohman et al.			
U21	5,426,422	6/20/95	Vanden Heuvel et al.			
V22	5,426,594	6/20/95	Wright et al.			
W23	5,428,663	6/27/95	Grimes et al.			
X24	5,432,839	7/11/95	DeLuca			
Y25	5,440,559	8/8/95	Gaskill			
Z26	5,444,671	8/22/95	Tschannen et al.			
AA1	5,452,356	9/19/95	Albert			
AA2	5,457,732	10/10/95	Goldberg			
AA3	5,473,143	12/5/95	Vak et al.			
AA4	5,475,653	12/12/95	Yamada et al.			
AA5	5,479,378	12/26/95	Yamada et al.			
AA6	5,479,408	12/26/95	Will			
AA7	5,481,255	1/2/96	Albert et al.			
AA8	5,483,595	1/9/96	Owen			
AA9	5,485,503	1/16/96	Diem			
AA10	5,487,100	1/23/96	Kane			
AA11	5,497,373	3/5/96	Hulen et al.			
AA12	5,530,438	6/25/96	Bickham et al.			
AA13	5,530,930	6/25/96	Hahn			
AA14	5,550,535	8/27/96	Park			
AA15	5,555,446	9/10/96	Jasinski			
AA16	5,572,196	11/5/96	Sakumoto et al.			
AA17	5,572,488	11/5/96	Yamada et al.			
AA18	5,579,372	11/26/96	Astrom			
AA19	5,581,593	12/3/96	Engelke et al.			
AA20	5,588,009	12/24/96	Will			

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations	
						YES	NO

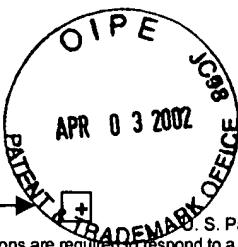
OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, Etc.*)

Document: Statutory Invention Registration No. H610; Date: 03/07/89; Inventor: Focarile et al.

EXAMINER	DATE CONSIDERED
<u>TRINTI, TAN</u>	<u>2/11/04</u>

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Restondocs:8442.1(6\$\$01!.DOC)



PTO/SB/08A (08-00)

Please type a plus sign (+) inside this box

Approved for use through 10/31/2002. OMB 0651-0031

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete If Known

Application Number	09/513,998
Filing Date	February 23, 2000
First Named Inventor	Helferich, Richard J.
Group Art Unit	2684
Examiner Name	Not yet assigned
Sheet	1 of 2
	Attorney Docket Number
	00101-140-USP

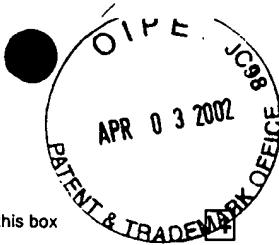
U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		5,406,557		Baudoine	04/11/1995	
		5,483,352		Fukuyama et al.	01/09/1996	
		5,564,018		Flores et al.	10/08/1996	
		5,557,659		Hyde-Thompson	09/17/1996	
		5,608,786		Gordon	03/04/1997	
		5,630,060		Tang et al.	05/13/1997	
		5,633,916		Goldhagen et al.	05/27/1997	
		5,717,742		Hyde-Thompson	02/10/1998	
		5,737,394		Anderson et al.	04/07/1998	
		5,737,395		Irribarren	04/07/1998	
		5,742,668		Pepe et al.	04/21/1998	
		5,745,689		Yeager et al.	04/28/1998	
		5,796,394		Wicks et al.	08/18/1998	
		5,805,886		Skarbo et al.	09/08/1998	
		5,870,454		Dahlen	02/09/1999	
		5,812,795		Horovitz et al.	09/22/1998	
		5,828,882		Hinckley	10/27/1998	
		5,835,089		Skarbo et al.	11/10/1998	
		5,872,926		Levec et al.	02/16/1999	
		5,875,436		Kikinis	02/23/1999	
		5,884,159		Thro et al.	03/16/1999	
		5,892,909		Grasso et al.	04/06/1999	
		5,905,495		Tanaka et al.	05/18/1999	
		5,913,032		Schwartz et al.	06/15/1999	
		5,938,725		Hara	08/17/1999	
		5,948,059		Woo et al.	09/07/1999	
		5,951,638		Hoss et al.	09/14/1999	
		5,961,590		Mendez et al.	10/05/1999	
		5,961,620		Trent et al.	10/05/1999	
		5,963,618		Porter	10/05/1999	
		6,021,433		Payne et al.	02/01/2000	
		6,087,956		Helferich	07/11/2000	
		5,974,447		Cannon et al.	10/26/1999	
		5,870,030		Deluca et al.	02/09/1999	

RECEIVED
APR 04 2002
Technology Center 2600

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Country	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴				
		O 631 419 A1		Europe	12/28/1994		
		EP 0 777 394 A1		Europe	06/04/1997		
		WO 98/58476		PCT	12/23/1998		
		WO 99 65256A		Logica, Inc.	12/16/1999		
		EP 0831 664 A2		Siemens Business Communication Systems, Inc.	09/19/1997		



Please type a plus sign (+) inside this box

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U. S. Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
				Application Number	09/513,998
				Filing Date	February 23, 2000
				First Named Inventor	Helferich, Richard J.
				Group Art Unit	2684
				Examiner Name	Not yet assigned
Sheet	2	of	2	Attorney Docket Number	00101-140-USP

RECEIVED

APR 04 2002

Examiner Signature	<i>TRINH, THN</i>	Date Considered	<i>2/11/04</i>
--------------------	-------------------	-----------------	----------------

Technology Center 2600

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²

Examiner Signature	<i>TRINH, THN</i>	Date Considered	<i>2/11/04</i>
--------------------	-------------------	-----------------	----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached

APR 03 2002

SHEET 1 OF 1

Form PTO 1449 (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. 6300-0007-52	SERIAL NO. 08,989,874
LIST OF REFERENCES CITED BY APPLICANT		APPLICANT Richard J. HELFERICH	
		FILING DATE December 12, 1997	GROUP 2742

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
AA	5,592,532	01/07/97	Shigeru KOIZUMI			
AB	5,003,576	03/26/91	Richard J. HELFERICH			
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						
AL						
AM						
AN						

RECEIVED

APR 04 2002

Technology Center 2600

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO
AO					
AP					
AQ					
AR					
AS					
AT					
AU					
AV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	
	AX	
	AY	
	AZ	

Examiner

TRINTJ, TON

Date Considered

2/11/04

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



11

JAN 03 2003

PATENT & TRADEMARK OFFICE

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Complete if Known

Application Number	09/513,998
Filing Date	February 23, 2000
First Named Inventor	Richard J. HELFERICH
Group Art Unit	2749
Examiner Name	Unassigned

RECEIVED

JAN 06 2003

Technology Center 2600

Sheet 1 of 1 Attorney Docket Number 0101-140

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
SJY	A	5,724,410		Parvulescu et al.	Mar. 3, 1998
	B	5,907,805		Chotai	May 25, 1999
	C	6,233,318		Picard et al.	May 15, 2001
	D	6,292,668		Alanara et al.	Sep. 18, 2001
	E	6,370,389		Isomursu et al.	Apr. 9, 2002
	F	5,239,466		Morgan et al.	Aug. 24, 1993
	G	5,557,659		Hyde-Thomson	Sep. 17, 1996
	H	5,751,793		Davies et al.	May 12, 1998
	I	6,259,892		Helperich	Jul. 10, 2001
	J	6,233,430		Helperich	May 15, 2001
	K	6,253,061		Helperich	Jun. 26, 2001
	L	6,097,941		Helperich	Aug. 1, 2000
SJY	M	6,459,360		Helperich	Oct. 1, 2002
	N	6,462,646		Helperich	Oct. 8, 2002

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³ Code	Number ⁴	Kind ⁵ (if known)			

Examiner Signature

TRINT, TAN

Date Considered

2/11/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code.

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.



#12

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Complete if Known	
Application Number	09/513,998
Filing Date	February 23, 2000
First Named Inventor	Richard J. HELFERICH
Group Art Unit	2749
Examiner Name	Unassigned

Sheet 1 of 1 Attorney Docket Number 0101-140

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
Jay	A	6,018,657		Kennedy, III et al.	January 25, 2000
Jay	B	5,029,199		Jones et al.	July 2, 1991
	C				
	D				
	E				
	F				
	G				RECEIVED
	H				MAR 31 2003
	I				
	J				
	K				
	L				
	M				
	N				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³ Code	Number ⁴	Kind ⁵ (if known)			

Examiner Signature TRINH, TAN Date Considered 2/11/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code.

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.